

PAT-NO: JP02002242118A
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TITLE: BLOCK HEATER FOR MELTING SNOW

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INVENTOR-INFORMATION:

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ASSIGNEE-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a block heater for melting snow in which thermal conductivity is improved by making the most of the advantage of the electric type block heater for melting snow on a general sidewalk and a braille-block sidewalk and power consumption is inhibited.

SOLUTION: The plank-shaped block heater A for melting snow is formed in such a manner that carbon powder of 0.3-5 wt.% is added into a normal concrete material and a concrete section 1 is formed, an electric heater 2 on the inside, an arranged bar 3 brought into contact with the electric heater 2 and lead wires 5 connected to the electric heater 2 are disposed, and heat-insulating materials 4 are installed to a lower section and side sections. Electricity is conducted through the lead wires 5, the electric heater 2 connected to the lead wires 5 is heat-generated and the temperature of a block surface is elevated, and snow melting and antifreezing are conducted.

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